OPEN FILE REPORT 79-816 UNITED STATES IRON SPRINGS QUADRANGLE DEPARTMENT OF THE INTERIOR COLORADO-MOFFAT CO. PLATE 20 OF 24 GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 107° 52′ 30″ 40° 45′ 50' 47'30" R. 93 W. R. 92 W. **EXPLANATION** 10 8 11 12 _____6100 _____ STRUCTURE CONTOURS - Drawn on top of coal bed. Solid where vertical accuracy within 40 feet; long dashed where vertical accuracy possibly not within 40 feet. Contour interval 100 feet (31 m). Datum is mean sea level. 13 17 16 14 17 DRILL HOLE - Showing altitude of top of coal bed, in feet. Bv - Blevins COAL BED SYMBOL AND NAME TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Arrow points toward coal-bearing area. Short dashed where inferred by present authors. 21 19 19 22 20 20 -----1--15°-----24 23 SUBSURFACE MINING LIMIT - Showing areas where dips of coal beds are greater than 15° and subsurface mining by conventional methods is not considered feasible. Reserve Base tonnages are calculated beyond limit. limit; Reserve tonnages are not. Arrow points toward area where dips are greater than 15°. TRACE OF FAULT - Bar and ball on down-thrown side. Dashed where inferred by present authors. To convert feet to meters, multiply feet by 0.3048. 26 28 30 30 27 25 29 29 42′30″ 42'30" 31 32 33 35 31 36 32 34 2 10 NOTE: Structure contours are not drawn beyond dotted line because of insufficient data. 5948 17

This report has not been edited for conformity with U.S. Geological Survey editorial standards of stratigraphic nomenclature.

COAL RESOURCE OCCURRENCE MAP OF THE IRON SPRINGS QUADRANGLE, MOFFAT COUNTY, COLORADO BY

40° 37′ 30″ 107° 52′ 30″

Base from U.S. Geological Survey, 1969

UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

> DAMES & MOORE 1979

PLATE 20 STRUCTURE CONTOUR MAP OF THE BLEVINS COAL BED

Compiled in 1977/1978

COLORADO

QUADRANGLE LOCATION